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The diagram illustrates the PathSpeed Extend Workflow architecture. At the top, a horizontal line labeled '10' represents the network backbone. Below this, the components are organized as follows:

- RIS WorkStation (54):** A computer monitor and keyboard unit. It is connected to the network backbone (10) via a network interface (50) and a switch (56). A label '68' points to the monitor.
- PACS Broker (9):** A central server unit connected to the network backbone (10) and the RIS WorkStation (54) via a network interface (50).
- PACS (6):** A server unit connected to the network backbone (10) and the PACS Broker (9) via a network interface (50).
- DICOM Gateway (21):** A computer monitor and keyboard unit connected to the network backbone (10) and the PACS (6) via a network interface (50).
- Modality Units:** Three units are shown below the main components:
 - Modality:MR (8):** A magnetic resonance imaging unit connected to the PACS Broker (9) via a network interface (50).
 - Modality:CT (11):** A computed tomography unit connected to the PACS Broker (9) via a network interface (50).
 - Modality:DR (52):** A digital radiography unit connected to the PACS (6) via a network interface (50).

Handwritten annotations include '56h' near the RIS WorkStation switch, '56CA' near the DICOM Gateway switch, and '21' near the DICOM Gateway unit.

Figure 1

0050402994560

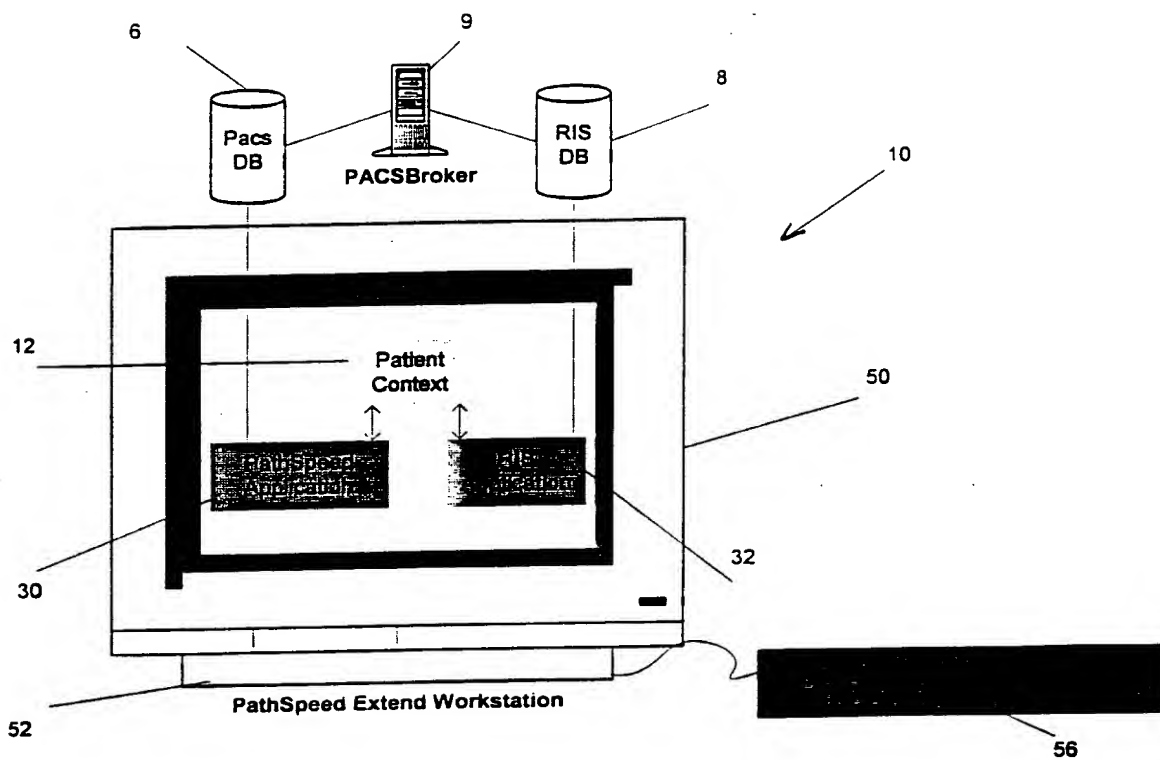
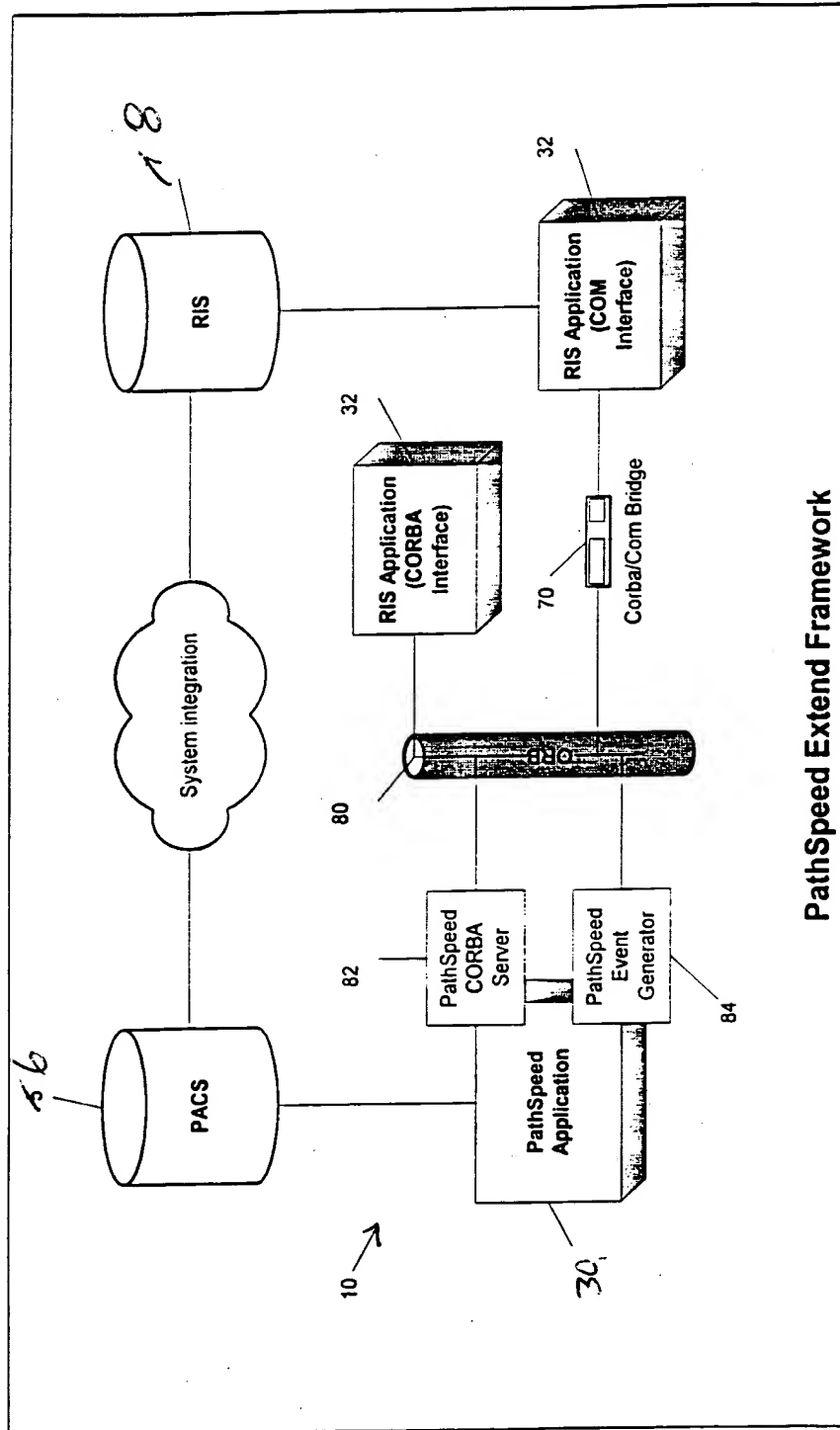


Figure 2



PathSpeed Extend Framework

Figure 3

Figure 4

Figure 5

009040" 09990000

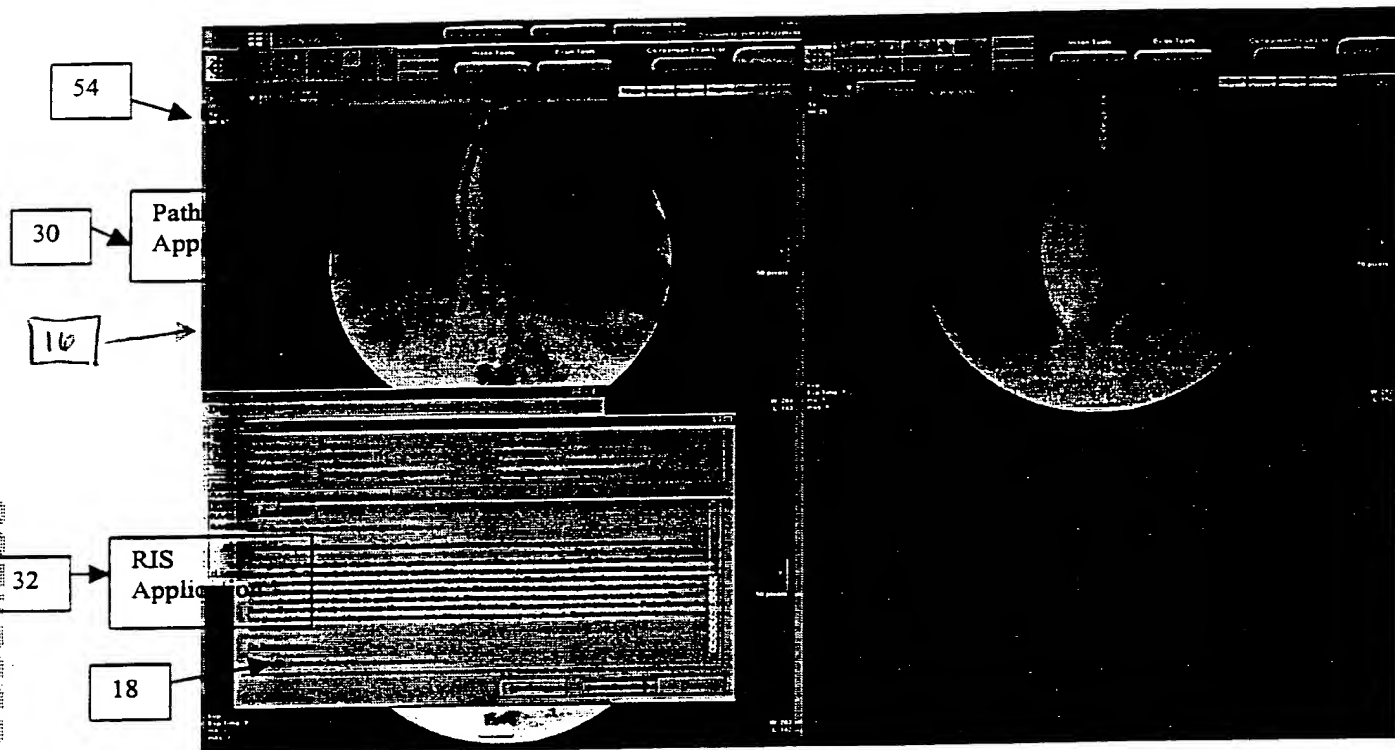


Figure 6

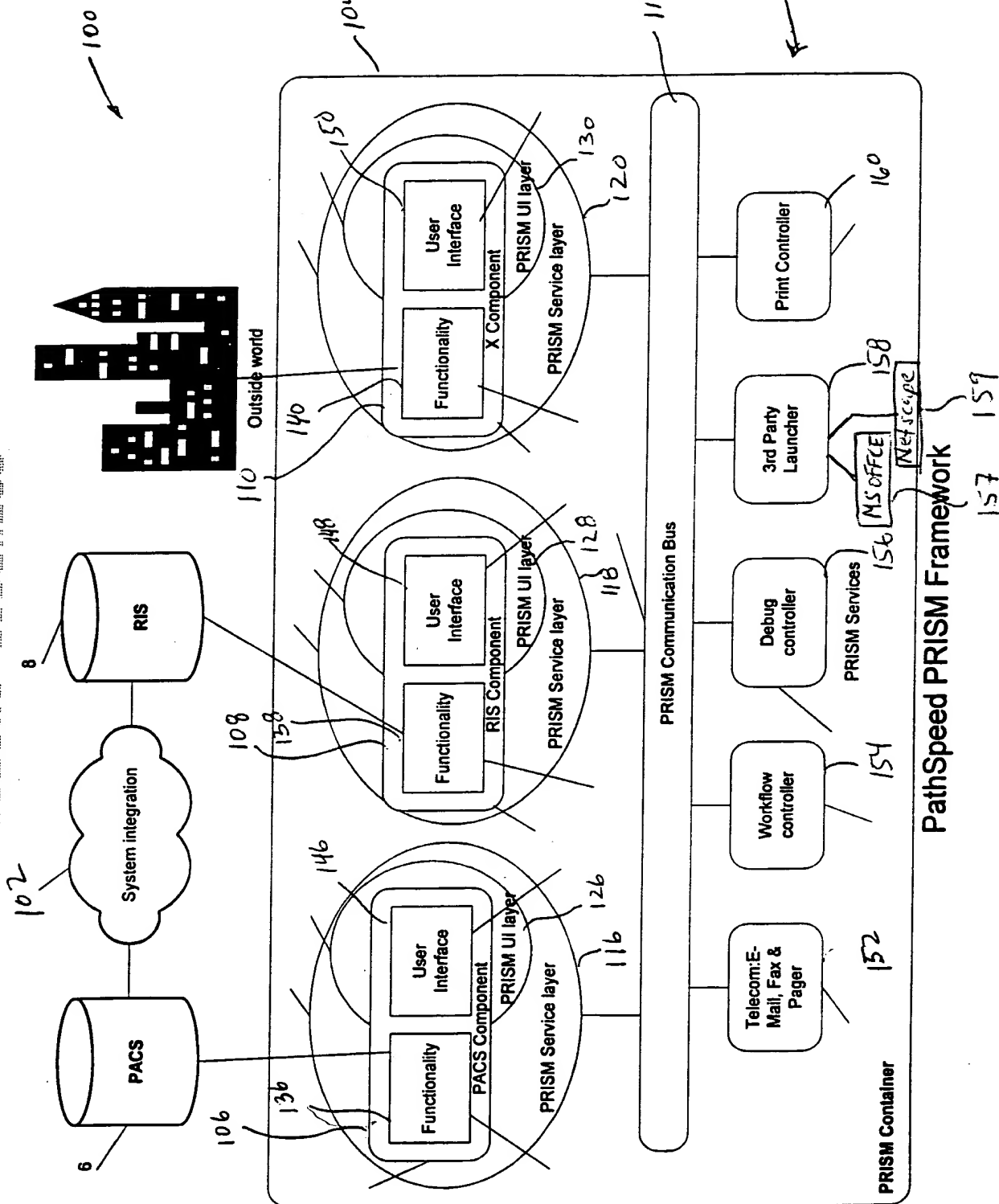


FIG. 7

005040" 23924560

190

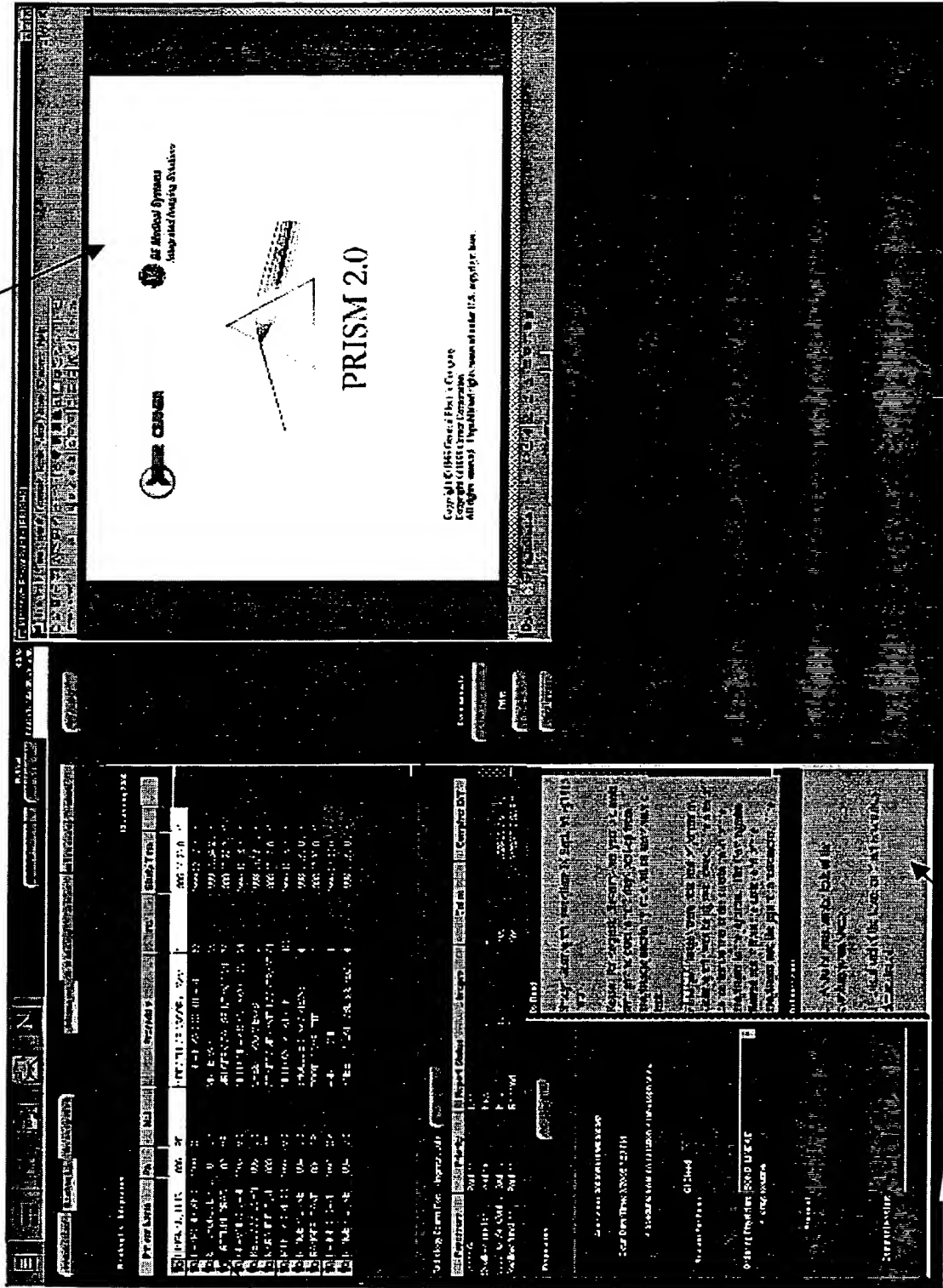


FIG. 8